

Title (en)  
NOVEL BIPHENYL COMPOUND OR SALT THEREOF

Title (de)  
NEUARTIGE BIPHENYLVVERBINDUNG ODER SALZ DAVON

Title (fr)  
NOUVEAU COMPOSÉ DE BIPHÉNYLE OU SEL DE CELUI-CI

Publication  
**EP 3632897 A1 20200408 (EN)**

Application  
**EP 18805830 A 20180525**

Priority  
• JP 2017104798 A 20170526  
• JP 2018020158 W 20180525

Abstract (en)  
The present invention provides a compound represented by Formula (I) or a salt thereof; an LSD1 inhibitor that contains the compound or a salt thereof as an active ingredient; a pharmaceutical composition that contains the compound or a salt thereof; and an antitumor agent that contains the compound or a salt thereof as an active ingredient.

IPC 8 full level  
**C07D 207/14** (2006.01); **A61P 35/02** (2006.01)

CPC (source: EP KR RU US)  
**A61K 31/40** (2013.01 - KR RU); **A61K 31/445** (2013.01 - KR); **A61K 31/4468** (2013.01 - RU); **A61K 31/46** (2013.01 - KR);  
**A61P 35/00** (2017.12 - EP KR RU); **A61P 35/04** (2017.12 - US); **A61P 43/00** (2017.12 - EP); **C07D 207/14** (2013.01 - EP KR RU US);  
**C07D 211/56** (2013.01 - EP KR); **C07D 211/58** (2013.01 - EP KR RU US); **C07D 223/12** (2013.01 - EP KR); **C07D 243/08** (2013.01 - EP KR);  
**C07D 295/192** (2013.01 - EP KR); **C07D 401/10** (2013.01 - EP KR); **C07D 403/10** (2013.01 - EP KR); **C07D 405/10** (2013.01 - EP KR);  
**C07D 413/10** (2013.01 - EP KR); **C07D 417/10** (2013.01 - EP KR); **C07D 451/04** (2013.01 - EP); **C07D 471/04** (2013.01 - EP KR);  
**C07D 471/08** (2013.01 - EP KR); **C07D 471/10** (2013.01 - EP KR RU); **C07D 487/04** (2013.01 - EP KR); **C07D 487/08** (2013.01 - EP KR US);  
**C07D 487/10** (2013.01 - EP KR); **C07D 498/10** (2013.01 - EP KR US); **C07D 519/00** (2013.01 - EP KR)

Cited by  
EP4393919A1; WO2024110649A1; WO2024141757A1; WO2022214303A1; WO2023217758A1; WO2023217784A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3632897 A1 20200408; EP 3632897 A4 20201021**; AU 2018272591 A1 20191219; AU 2018272591 B2 20200528;  
BR 112019024785 A2 20200609; CA 3065077 A1 20181129; CA 3065077 C 20220920; CN 110740991 A 20200131; CN 110740991 B 20230704;  
JP 6843979 B2 20210317; JP WO2018216800 A1 20200109; KR 102361918 B1 20220214; KR 20200009068 A 20200129;  
MA 50466 A 20200902; MX 2019014104 A 20200207; RU 2019143759 A 20210628; RU 2019143759 A3 20210628;  
RU 2765152 C2 20220126; TW 201900608 A 20190101; TW I727172 B 20210511; US 11479563 B2 20221025; US 2021179634 A1 20210617;  
WO 2018216800 A1 20181129

DOCDB simple family (application)  
**EP 18805830 A 20180525**; AU 2018272591 A 20180525; BR 112019024785 A 20180525; CA 3065077 A 20180525;  
CN 201880035878 A 20180525; JP 2018020158 W 20180525; JP 2019520326 A 20180525; KR 20197037555 A 20180525;  
MA 50466 A 20180525; MX 2019014104 A 20180525; RU 2019143759 A 20180525; TW 107117940 A 20180525; US 201816616854 A 20180525